



+

TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>		Application Number	10/714,076
		Filing Date	November 14, 2003
		First Named Inventor	Vikrant Kasarabada
		Group Art Unit Number	2614
		Examiner Name	Not yet known
Total Number of Pages in This Submission	5*	Attorney Docket Number	18602-08156

ENCLOSURES (check all that apply)	
<input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input checked="" type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input checked="" type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Request for Correction of Recorded Assignment <input type="checkbox"/> Amendment/Response: [] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) [] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
REMARKS: : *Total Number of Pages in this Submission does not include cited references.	

SIGNATURE OF ATTORNEY OR AGENT		
Signature:		
Attorney/Reg. No.:	Robert R. Sachs, Reg. No. 42,120	Dated: 2/2/05

CERTIFICATE OF MAILING		
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.		
Signature:		
Typed or Printed Name:	Robert R. Sachs	Dated: 2/2/05
Express Mail Mailing Number (optional):		



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Vikrant Kasarabada et al.
APPLICATION NO.: 10/714,076
FILING DATE: November 14, 2003
TITLE: SCENE CHANGE IDENTIFICATION DURING ENCODING OF
COMPRESSED VIDEO
EXAMINER: Not yet assigned
GROUP ART UNIT: 2614
ATTY. DKT. NO.: 18602-08156

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: 2/2/05

By:

Robert R. Sachs, Reg. No. 42,120

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;


PATENT

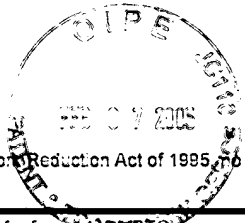
- ☒ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☒ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
VIKRANT KASARABADA ET AL.

Dated: 2/2/05

By: 
Robert R. Sachs, Reg. No. 42,120
Fenwick & West LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: (415) 875-2410
Fax.: (650) 938-5200



Substitute for form 439A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****Complete if Known**

Application No.	10/714,076
Filing Date	November 14, 2003
First Named Inventor	Vikrant Kasarabada
Art Unit	2613
Examiner Name	Not yet known
Attorney Docket Number	18602-08156

Sheet 1 of 2

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-5,461,679	10-24-1995	Normille et al.
	A2	US-5,708,767	01-13-1998	Yeo et al.
	A3	US-5,774,593	06-30-1998	Zick et al.
	A4	US-6,018,367	01-25-2000	Handley
	A5	US-6,108,448	08-22-2000	Song et al.

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

18602/08156/SF/5135219.1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/714,076
				Filing Date	November 14, 2003
				First Named Inventor	Vikrant Kasarabada
				Art Unit	2613
				Examiner Name	Not yet known
Sheet	2	of	2	Attorney Docket Number	18602-08156

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T6
	C1	CHUA et al., A General Framework for Video Segmentation Based on Temporal Multi-resolution Analysis, Proceedings of International Workshop on Advanced Image Technology, January 2000, pp. 119-124, Fujisawa, Japan	
	C2	GARGI et al., Performance Characterization and Comparison of Video Indexing Algorithms, Proceedings of IEEE Conference on Computer Vision and Pattern Recognition, 1998, pp. 559-565	
	C3	GÜNSEL et al., Content-Based Video Abstraction, International Conference on Image Processing, October 1998, Vol. 3	
	C4	KHAN et al., Motion Based Object Tracking in MPEG-2 Stream for Perceptual Region Discriminating Rate Transcoding, Proceedings of the Ninth ACM International Conference on Multimedia, 2001, Vol. 9, pp. 572-576	
	C5	KIM et al., Scene Change Detection and Classification Algorithm on Compressed Video Streams, International Technical Conference on Circuits/System, Computers and Communications (ITC-CSCC2001), July 2001, Tokushima Japan	
	C6	LAN et al., Scene Context Dependent Reference Frame Placement for MPEG Video Coding, IEEE Transactions on Circuits & Systems for Video Tech., Vol. 9, No. 3, April 1999.	
	C7	MENG et al., Scene Change Detection in a MPEG Compressed Video Sequence, IS&T/SPIE Symposium Proceedings, February 1995, Vol. 2419, San Jose, California	
	C8	MENG et al., Tools for Compressed-Domain Video Indexing and Editing, SPIE Conference on Storage and Retrieval for Image and Video Database, February 1996, Vol. 2670; page 180-191, San Jose, California	
	C9	NGUYEN et al., Scene Context Dependent Rate Control, Proceeding of the 9 th ACM International Conference on Multimedia, 2001, Vol. 9, pp. 309-318	
	C10	RUI et al., Constructing Table-of-Content for Videos, Multimedia Systems, September 1999, Vol. 7, No. 5, pp. 359-368	
	C11	SONG et al., Fast Extraction of Spatially Reduced Image Sequences from MPEG-2 Compressed Video, IEEE Transactions on Circuits and Systems for Video Technology, October 1999, Vol. 9 No. 7, pp. 1100-1114	
	C12	TASKIRAN et al., Video Scene Change Detection Using the Generalized Sequence Trace, Proceedings of IEEE International Conference on Acoustic, Speech, and Signal Processing, May 1998, pp. 2961-2964	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

18602/08156/SF/5135219.1